Our energy working for you.™

Power Generation

Full Product Line
North America

Fully Integrated, Reliable, Efficient

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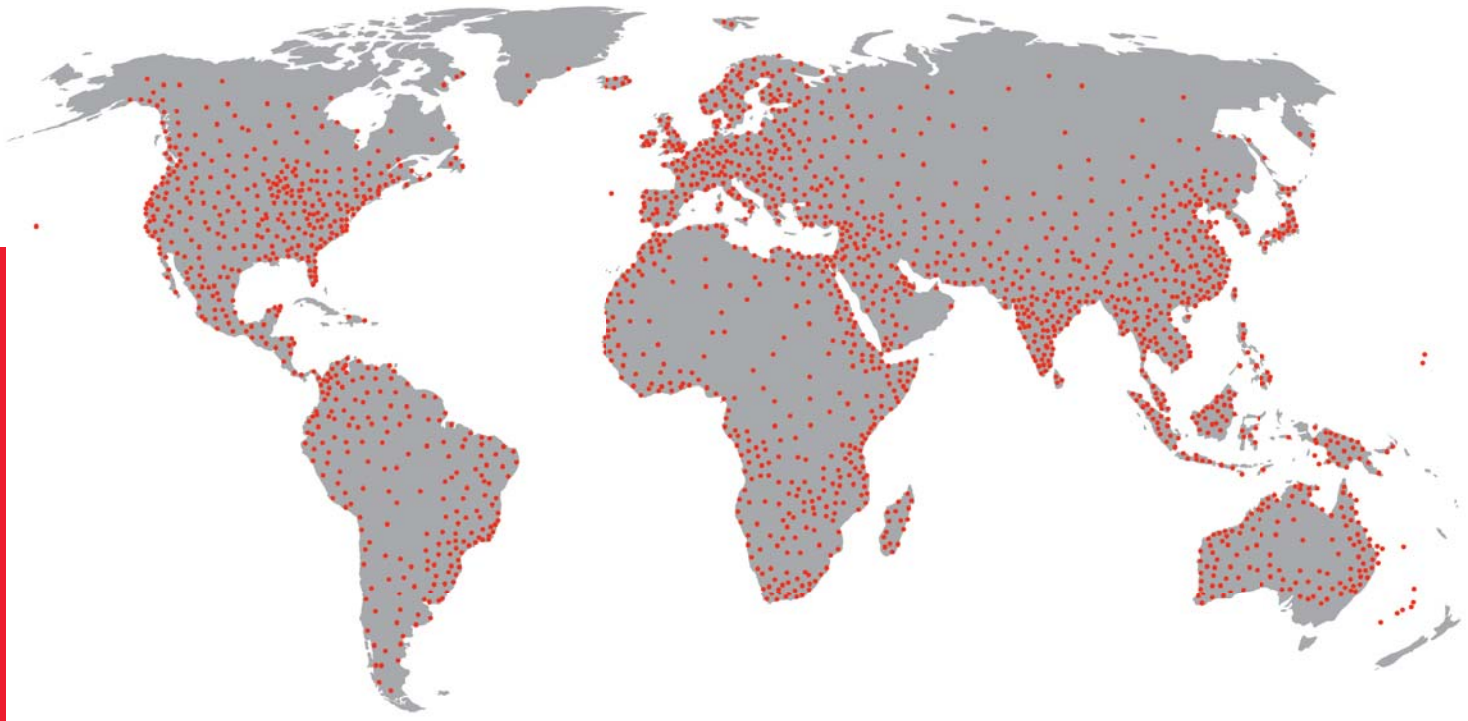
Global Power Leader



With more than 90 years of experience in power generation and an extensive global distributor network across 190 countries, Cummins Power Generation is ready to match the right generating, transfer and control technologies with your power needs — whether you require continuous, prime, peaking or standby power; cogeneration; or a complete turnkey power plant.

- 44,000 employees in 190 countries
- 88 manufacturing facilities
- 19 technical centers
- 6,000 sales and service locations
- 20 parts distribution centers
- 600 distributors

Global strength, local partnership

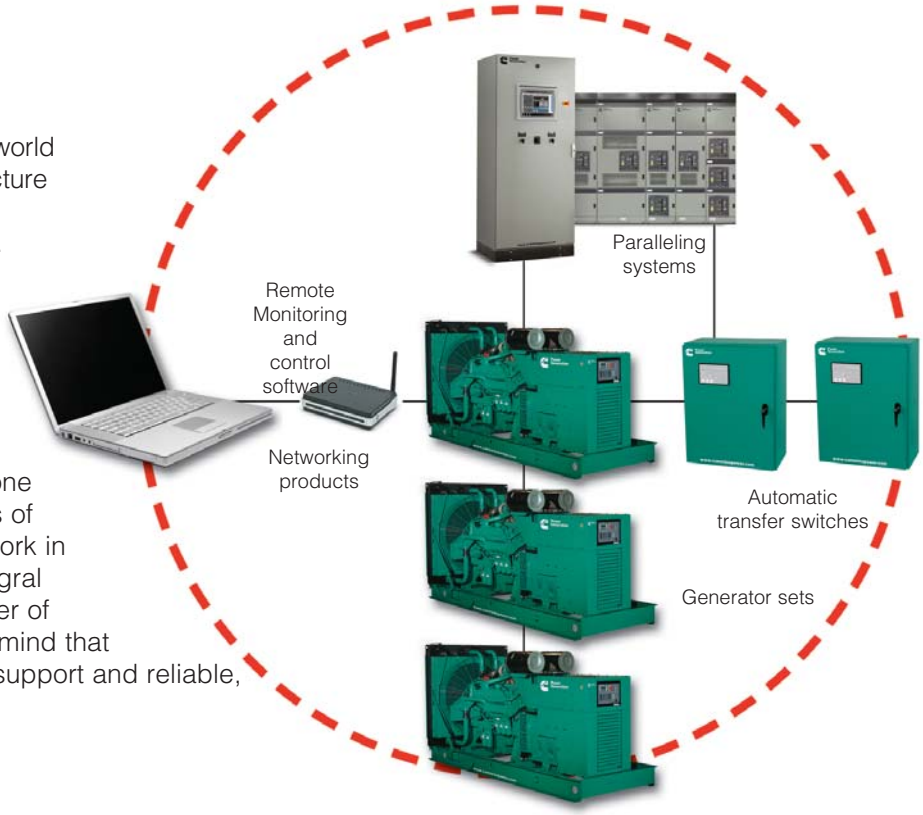
Our global network of 600 distributors and 6,000 sales and service outlets across 190 countries guarantees a face-to-face relationship wherever our products are operating, providing you with fast access to reliable service, engineering expertise and parts support.

Total solutions provider

Cummins Power Generation is a world leader in the design and manufacture of pre-integrated generator sets, ranging from 8 kVA to 3300 kVA.

All major components – engine, alternator, transfer switches and control systems – are designed and manufactured by Cummins.

Because they are designed by one manufacturer, all of the elements of our power generation systems work in harmony from the start. This integral approach – that we call the Power of One™ – gives you the peace of mind that comes from premium customer support and reliable, trouble-free operation.



What makes us different?

Cummins Power Generation is about more than innovative technologies meeting your needs. The key difference is our people, who live by a simple set of rules we call **"The Three Rs."**

Reliability

When you need real power you can depend on us to deliver unrivalled reliability. We do what we say we will, and more. We keep our promises.

Relationships

At Cummins you are in touch with real people you can trust and rely on. Wherever and whenever you need us, we'll be there for you.

Responsiveness

We strive to provide same-day answers, turnkey solutions, quick delivery, split-second start-up and a phone that is answered 24 hours a day, seven days a week.

Low Emissions Technologies

Meeting the latest emissions requirements with our fully integrated generator set applications.

We are committed to meeting or exceeding clean air standards worldwide.

Leading the industry in advanced emissions solutions, we ensure that our generator sets meet U.S. EPA and EU emissions standards wherever possible.

Our strong history of emission leadership has enabled us to develop our own emission solutions package in accordance with EPA and EU regulations and requirements.

Developing products for a cleaner tomorrow

Cummins Power Generation leads the industry in the development of cleaner, quieter and more efficient diesel-powered generator sets. We are committed to meeting or exceeding all global air quality regulatory standards for stationary and non-road diesel-engine generator sets through 2017 and beyond. This protects public health and conserves vital natural resources.

New technologies to reduce emissions

Since 1996 in the US (EPA) and 1999 in the EU when emissions regulations for nonroad diesel engines first went into effect, Cummins Power Generation has developed technologies that reduce the primary pollutants in the exhaust of a diesel generator set by approximately 80 percent. Pollutants such as nitrogen oxides (NOx), hydrocarbons (HC) and particulate matter (PM) from diesel engines are precursors to smog and ozone in many populated areas of the world. All our emissions-reduction technologies are accomplished through in-cylinder design improvements and precise control of the combustion process.

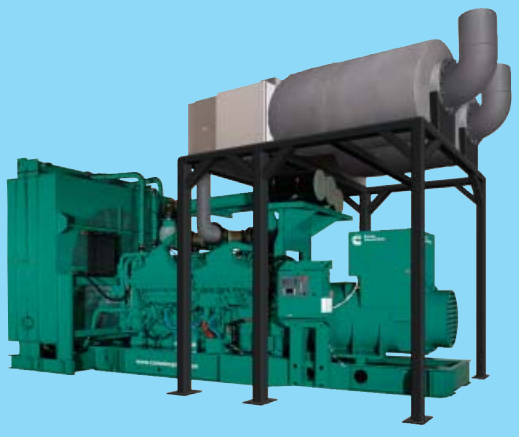
“Clean” power creates powder

Snow Summit Ski Resort, Big Bear Lake, California
A PowerCommand® system provides 12 megawatts of electricity to power air compressors, water pumps and fan guns that make up the resort’s snowmaking equipment. The 2 MW diesel generators are designed to meet Southern California’s strict air-quality requirements.

Cummins Tier 4 Aftertreatment Systems

Cummins Power Generation has developed an EPA-certified aftertreatment solution for our high-horsepower generators with power nodes from 750 kW – 2750 kW, using a number of exclusive features:

- Rapid Response Exhaust Preheaters
- Full compatibility with all Cummins generator control systems
- Airless diesel emissions fl uid (DEF) injection
- Closed-loop NOx controller
- Diesel particulate fi lter (DPF)
- Selective catalytic reduction (SCR)
- Flexible, modular design



Diesel Generator Sets
106 kVA to 2500 kVA (50 Hz)

Integrated design and manufacturing combine to give you unequalled reliability, power quality, rated performance and efficient operation.

Model Name	Standby Rating		Prime Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control	Sound Enclosure
	kVA	kWe	kVA	kWe					
DGDB	**106**	85	**100**	80	6BT5.9-G6	-	UC3D	PCC2100	o
DGDK	**125**	100	**113**	90	6BTA5.9-G3	-	UC3E	PCC2100	o
DFEH	**440**	352	**400**	320	QSX15-G8	-	HC5C	PCC2100	o
DFEJ	**500**	400	**455**	364	QSX15-G8	-	HC5E	PCC2100	o
DFEK	**550**	440	**500**	400	QSX15-G8	-	HC5E	PCC2100	o

Model Name	Standby Rating		Prime Rating		DCC Rating		Continuous Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control
	kVA	kWe	kVA	kWe	kVA	kWe	kVA	kWe				
DQGAN	**1400**	1120	**1275**	1020	**1275**	1020	**1025**	820	QSK50-G4	TA Luft 2g / EPA Tier 2	PI734B	PC3.3
DQGAH	**1540**	1232	**1400**	1120	**1400**	1120	**1125**	900	QSK50-G4	TA Luft 2g / EPA Tier 2	PI734D	PC3.3
DQGAK	**1540**	1232	**1400**	1120	**1400**	1120	**1200**	880	QSK50-G4UR	-	PI734D	PC3.3
DQGAG	**1700**	1269	**1540**	1232	**1540**	1232	**1250**	1000	QSK50-G4	TA Luft 2g / EPA Tier 2	PI734D	PC3.3
DQGAJ	**1700**	1360	**1540**	1232	**1540**	1232	**1200**	960	QSK50-G4UR	-	PI734F	PC3.3
DQGAM	**1825**	1460	**1650**	1320	**1650**	1320	**1425**	1140	QSK50-G7	EPA Tier 2	PI734F	PC3.3
DQKAH	**2000**	1600	**1825**	1460	**1825**	1460	**1400**	1120	QSK60-G11	TA Luft 2g / EPA Tier 2	PI734F	PC3.3
DQKAG	**2250**	1800	**2000**	1600	**2000**	1600	**1400**	1120	QSK60-G11	TA Luft 2g / EPA Tier 2	PI734F	PC3.3
DQKAJ	**2500**	2000	**2000**	1600	**2250**	1800	**1650**	1320	QSK60-G18	TA Luft 2g / EPA Tier 2	LVSI804S	PC3.3

● Standard o Option - Not Available

Diesel Generator Sets
10 kW to 1000 kW (60 Hz)

Powered by heavy-duty Cummins engines, PowerCommand® diesel generator sets are known for their fuel efficiency, responsive transient performance and rugged reliability.

Model Name	Standby Rating		Prime Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control	Sound Enclosure
	kVA	kWe	kVA	kWe					
DSKAA	12.5	**10**	11.4	**9.1**	D1703-M	EPA Tier 3	YD0431	PC1.1	O
DSKAB	18.8	**15**	17	**13.6**	D1703-M	EPA Tier 3	YD0862	PC1.1	O
DSKBA	25	**20**	22.8	**18.2**	V2203-M	EPA Tier 3	YD0862	PC1.1	O
DSKCA	31.3	**25**	28.4	**22.7**	V3300	EPA Tier 3	YD0862	PC1.1	O
DGHCA	37.5	**30**	33.7	**27**	4BT3.3-G5	EPA Tier 3	UC2C	PCC2100	O
DGHCB	43.7	**35**	40	**32**	4BT3.3-G5	EPA Tier 3	UC2C	PCC2100	O
DSFAA	44	**35**	40	**32**	QSB5-G3	EPA Tier 3	UC2C	PCC2100	O
DGHCC	50	**40**	45	**36**	4BT3.3-G5	EPA Tier 3	UC2C	PCC2100	O
DSFAB	50	**40**	44	**35**	QSB5-G3	EPA Tier 3	UC2C	PCC2100	O
DGHDA	63	**50**	-	**-**	4BT3.3-G7	EPA Tier 3	UC2C	PCC2100	O
DSFAC	63	**50**	56	**45**	QSB5-G3	EPA Tier 3	UC2D	PCC2100	O
DGHDB	75	**60**	-	**-**	4BT3.3-G7	EPA Tier 3	UC2C	PCC2100	O
DSFAD	75	**60**	68	**54**	QSB5-G3	EPA Tier 3	UC2F	PCC2100	O
DSFAE	100	**80**	90	**72**	QSB5-G3	EPA Tier 3	UC2G	PCC2100	O
DGDB	125	**100**	113	**90**	6BTA5.9-G6	EPA Tier 1	UC3D	PCC2100	O
DSGAA	125	**100**	113	**90**	QSB7-G5	EPA Tier 3	UC3D	PC1.1	O
DSGAB	156	**125**	141	**113**	QSB7-G5	EPA Tier 3	UC3E	PC1.1	O
DGDK	156	**125**	141	**113**	6BTA5.9-G3	EPA Tier 1	UC3E	PCC2100	O
DSGAC	188	**150**	169	**135**	QSB7-G5	EPA Tier 3	UC3F	PC1.1	O
DSGAD	219	**175**	200	**160**	QSB7-G5	EPA Tier 3	UC3H	PC1.1	O
DSGAE	250	**200**	225	**180**	QSB7-G5	EPA Tier 3	UC3H	PC1.1	O
DSHAD	288	**230**	263	**210**	QSL9-G2	EPA Tier 3	UCD3J	PCC2100	O
DQDAA	313	**250**	281	**225**	QSL9-G7	EPA Tier 3	HC4D	PCC2100	O
DQDAB	344	**275**	313	**250**	QSL9-G7	EPA Tier 3	HC4D	PCC2100	O
DQDAC	375	**300**	338	**270**	QSL9-G7	EPA Tier 3	HC4E	PCC2100	O
DQHAB	375	**300**	338	**270**	QSM11-G4	EPA Tier 3	HC4E	PCC2100	O
DFEG	438	**350**	400	**320**	QSX15-G9	EPA Tier 2	HC5C	PCC2100	O
DFEH	500	**400**	456	**365**	QSX15-G9	EPA Tier 2	HC5C	PCC2100	O
DFEJ	563	**450**	513	**410**	QSX15-G9	EPA Tier 2	HC5D	PCC2100	O
DFEK	625	**500**	569	**455**	QSX15-G9	EPA Tier 2	HC5E	PCC2100	O
DQPAA	750	**600**	681	**545**	QSK19-G8	EPA Tier 2	HC5F	PC2.3	O
DQCA	750	**600**	681	**545**	QSK23-G7	EPA Tier 2	HC6G	PCC2100	O
DQPAB	812	**650**	681	**545**	QSK19-G8	EPA Tier 2	HC6H	PC2.3	O
DQCB	938	**750**	850	**680**	QSK23-G7	EPA Tier 2	HC6G	PCC2100	O
DQFAE	938	**750**	850	**680**	QST30-G17	EPA Tier 4i/4F	HC6G	PCC3201	O
DQFAA	938	**750**	850	**680**	QST30-G5	EPA Tier 2	HC6G	PCC3201	O
DQCC	1000	**800**	906	**725**	QSK23-G7	EPA Tier 2	HC6G	PCC2100	O
DQFAF	1000	**800**	906	**725**	QST30-G17	EPA Tier 4i/4F	HC6G	PCC3201	O
DQFAB	1000	**800**	906	**725**	QST30-G5	EPA Tier 2	HC6G	PCC3201	O
DQFAG	1125	**900**	1023	**818**	QST30-G17	EPA Tier 4i/4F	HC6H	PCC3201	O
DQFAC	1125	**900**	1023	**818**	QST30-G5	EPA Tier 2	HC6H	PCC3201	O
DQFAH	1250	**1000**	1125	**900**	QST30-G17	EPA Tier 4i/4F	HC6K	PCC3201	O
DQFAD	1250	**1000**	1125	**900**	QST30-G5	EPA Tier 2	HC6K	PCC3201	O

● Standard O Option - Not Available

Diesel Generator Sets

1250 kW to 2750 kW (60 Hz)

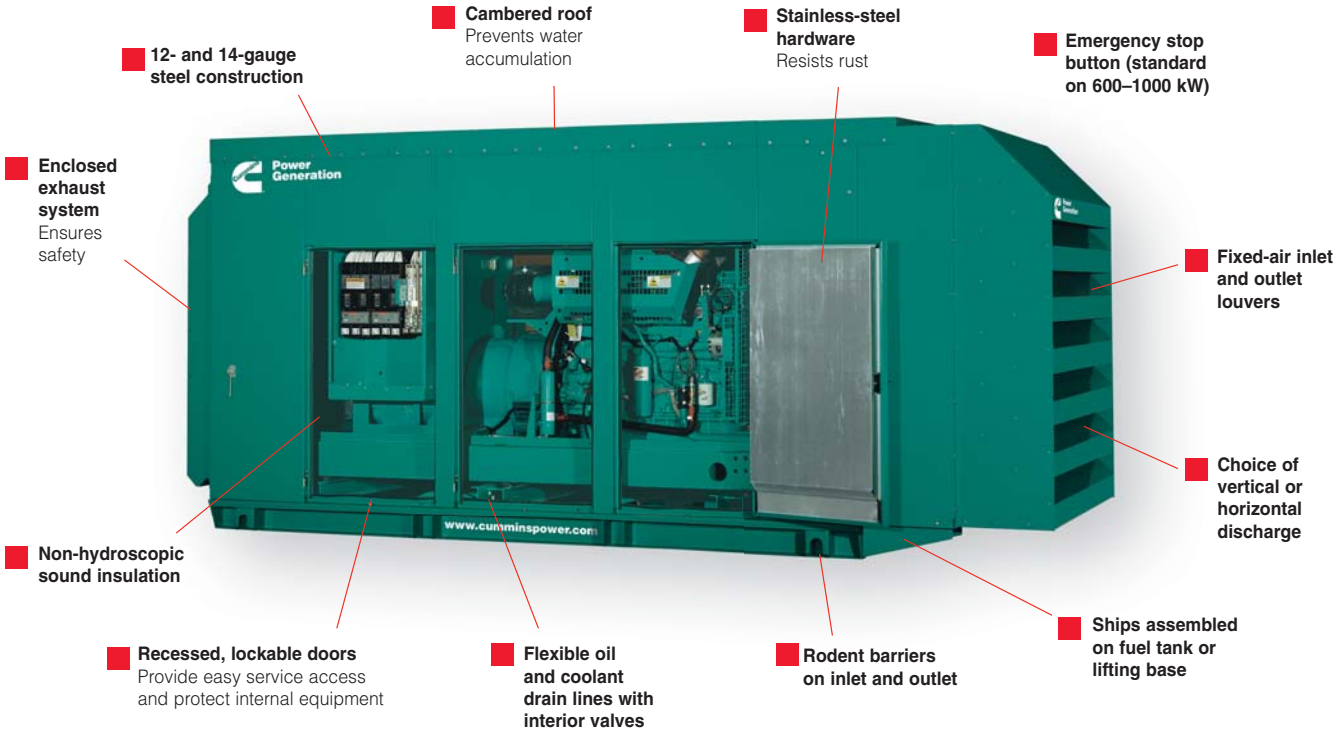
Model Name	Standby Rating		Prime Rating		DCC Rating		Continuous Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control
	kVA	kWe	kVA	kWe	kVA	kWe	kVA	kWe				
DQGAR	1563	**1250**	1419	**1135**	1419	**1135**	1250	**1000**	QSK50-G8	EPA Tier 4i/4F	PI734B	PC3.3
DQGAE	1563	**1250**	1419	**1135**	1419	**1135**	1250	**1000**	QSK50-G5	EPA Tier 2	PI734B	PC3.3
DQGAS	1875	**1500**	1706	**1365**	1706	**1365**	1375	**1100**	QSK50-G8	EPA Tier 4i/4F	PI734C	PC3.3
DQGAF	1875	**1500**	1706	**1365**	1706	**1365**	1375	**1100**	QSK50-G5	EPA Tier 2	PI734C	PC3.3
DQKAK	2188	**1750**	2000	**1600**	2000	**1600**	1813	**1450**	QSK60-G16	EPA Tier 4i/4F	PI734C	PC3.3
DQKAD	2188	**1750**	2000	**1600**	2000	**1600**	1813	**1450**	QSK60-G6	EPA Tier 2	PI734C	PC3.3
DQKAL	2500	**2000**	2281	**1825**	2281	**1825**	2000	**1600**	QSK60-G16	EPA Tier 4i/4F	PI734F	PC3.3
DQKAE	2500	**2000**	2281	**1825**	2281	**1825**	2000	**1600**	QSK60-G6	EPA Tier 2	PI734F	PC3.3
DQKAM	2813	**2250**	2281	**1825**	2500	**2000**	N/A	**N/A**	QSK60-G17	EPA Tier 4i/4F	PI734G	PC3.3
DQKAF	2813	**2250**	2281	**1825**	2500	**2000**	N/A	**N/A**	QSK60-G14	EPA Tier 2	PI734G	PC3.3
DQLG	3125	**2500**	2844	**2275**	2844	**2275**	2500	**2000**	QSK78-G14	EPA Tier 4i/4F	MVSI804S	PC3.3
DQLE	3125	**2500**	2844	**2275**	2844	**2275**	2500	**2000**	QSK78-G12	EPA Tier 2	MVSI804S	PC3.3
DQLC	3125	**2500**	2920	**2336**	2920	**2336**	2439	**1951**	QSK78-G6	-	LVSI804R	PCC3201
DQLH	3438	**2750**	3125	**2500**	3125	**2500**	2625	**2100**	QSK60-G14	EPA Tier 4i/4F	MVSI804S	PC3.3
DQLF	3438	**2750**	3125	**2500**	3125	**2500**	2625	**2100**	QSK78-G12	EPA Tier 2	MVSI804S	PC3.3
DQLD	3438	**2750**	3125	**2500**	3125	**2500**	2700	**2200**	QSK78-G8	-	LVSI804S	PCC3201

● Standard ○ Option - Not Available

Enclosures
Sound-Attenuated and Weather-Protective

Sound-attenuated and weather-protective enclosures from Cummins Power Generation meet even the strictest sound requirements and provide optimum protection from inclement weather.

- Three levels of sound attenuation
- Compact footprint, low-profile design
- Easy access to all major generator and engine control components for servicing
- Fully housed, enclosed exhaust silencer ensures safety and protects against rust
- All-steel construction with stainless-steel hardware offers durability
- Direct-mounted to a sub-base fuel tank or lifting base
- Prototype-tested to verify sound attenuation, cooling and ventilation system performance in extreme temperature environments
- UL2200-listed
- IBC Seismic Certification option available


Cambered roof
Prevents water accumulation
Stainless-steel hardware
Resists rust
Emergency stop button (standard on 600–1000 kW)
12- and 14-gauge steel construction
Enclosed exhaust system
Ensures safety
Fixed-air inlet and outlet louvers
Choice of vertical or horizontal discharge
Non-hydroscopic sound insulation
Recessed, lockable doors
Provide easy service access and protect internal equipment
Flexible oil and coolant drain lines with interior valves
Rodent barriers on inlet and outlet
Ships assembled on fuel tank or lifting base
Power Generation
www.cumminspower.com

Acoustical Testing Center

The Acoustical Testing Center (ATC), located at the plant of Cummins Power Generation in Fridley, Minnesota, U.S., is the largest engine testing facility of its kind in the world.

- 23,000 sq. ft of total building area
- 13000 sq. ft of Hemi-Anechoic test area
- 5000 sq. ft build area
- Fully capable now of testing generator sets up to 3.3 MW
- Curved hemispherical roof – the preferred acoustical design
- Facility built following the Leadership in Energy and Environmental Design (LEED) guidelines for green building design.

Enclosures

Sound-Attenuated and Weather-Protective

Model Name	Standby kW	Enclosure package sound pressure levels @ 7 meters dB(A)			
		Weather protective steel: F182 aluminum: F216[+]	Sound attenuated Level 1 steel: F172 aluminum: F231[+]	Sound attenuated Level 2 steel: F173 aluminum: F217[+]	Sound attenuated Level 3 steel: F232 aluminum: F233[+]
50 Hz Diesel Range					
DGDB	85	85	74	69	N/A
DGDK	100	83	76	67	N/A
DFEH	352	88	NA	NA	N/A
DFEJ	400	88	NA	NA	N/A
DFEK	440	88	NA	NA	N/A
60 Hz Diesel Range					
DSKAA	10	78	68	65	N/A
DSKAB	15	81	69	65	N/A
DSKBA	20	80	72	67	N/A
DSKCA	25	82	74	69	N/A
DGHCA	30	76	68	62	N/A
DGHCB	35	76	68	62	N/A
DGHCC	40	76	69	62	N/A
DGHDA	50	83	78	70	N/A
DGHDB	60	83	78	70	N/A
DSFAA	35	87	78	70	N/A
DSFAB	40	87	79	70	N/A
DSFAC	50	87	79	70	N/A
DSFAD	60	87	79	71	N/A
DSFAE	80	87	82	72	N/A
DGDB	100	86	77	70	N/A
DSGAA	100	87	N/A	72	69
DSGAB	125	88	N/A	73	69
DSGAC	150	88	N/A	73	70
DSGAD	175	89	N/A	74	70
DSGAE	200	89	N/A	74	71
DSHAD	230	96	89	78	N/A
DQDAA	250	92[++]	88[+++]	72[++++]	N/A
DQDAB	275	92[++]	88[+++]	73[++++]	N/A
DQDAC	300	92[++]	88[+++]	73[++++]	N/A
DQHAB	300	90[++]	88[+++]	76[++++]	N/A
DFEG	350	88[++]	85[+++]	72[++++]	N/A
DFEH	400	88[++]	85[+++]	73[++++]	N/A
DFEJ	450	89[++]	85[+++]	74[++++]	N/A
DFEK	500	89[++]	87[+++]	73[++++]	N/A
DQCA	600	86[+++++]	78[+++]	73[++++]	N/A
DQCB	750	87[+++++]	79[+++]	74[++++]	N/A
DQCC	800	87[+++++]	79[+++]	74[++++]	N/A
DQFAA	750	89[+++++]	79[+++]	75[++++]	N/A
DQFAB	800	89[+++++]	79[+++]	75[++++]	N/A
DQFAC	900	89[+++++]	80[+++]	76[++++]	N/A
DQFAD	1000	90[+++++]	80[+++]	76[++++]	N/A

Model Name	Standby kW	Enclosure package sound pressure levels @ 7 meters dB(A)			
		Weather protective steel: F182 aluminum: F216[+]	Sound attenuated Level 1 steel: F172 aluminum: F231[+]	Sound attenuated Level 2 steel: F173 aluminum: F217[+]	Sound attenuated Level 3 steel: F232 aluminum: F233[+]
50 Hz Gas Range					
GGPC	35	83	69	61	N/A
GGHF	55	82	74	65	N/A
GGHF	60	76	73	69	N/A
60 Hz Gas Range					
GGMA	20	77	N/A	66	N/A
GGMB	25	78	N/A	66	N/A
GGMC	29 / 30	79	N/A	67	N/A
GGPA	35	82	74	63	N/A
GGPB	40	83	74	64	N/A
GGPC	45 / 50	83	74	65	N/A
GGHE	60	86	77	68	N/A
GGHF	70 / 75	87	77	68	N/A
GGHG	85	80	76	70	N/A
GGHH	100	80	76	71	N/A
GGHJ	125	86	82	75	N/A

Notes:
Data is a measured average of 8 positions, full load standby rating, steel enclosures only.
([+]) Sound levels on aluminum enclosures are approximately 2 dB(A) higher than steel as measured above.
([++]) F183 - Weather with residential muffler configuration.
([+++]) F201- Quiet Site II Level 1 configuration.
([++++]) F202 - Quiet Site II Level 2 configuration.
([+++++]) F200 - Weather with mounted muffler configuration.

Spark-Ignited Generator Sets
20 kW to 895 kW (60 Hz)

Spark-ignited generator sets are a convenient choice for a variety of emergency and standby applications, including healthcare offices and retail businesses that require gaseous fuel options to meet local codes or fuel containment and economic requirements. They are available with natural gas, propane and dual fuel systems.

Installation and connection to the fuel source lines are both basic and convenient. As with our diesel generator sets, a complete selection of voltages, accessories, generator sets and control options are available for customizing to your specific needs.

Major features include:

- Multiple control system options, including NFPA110 compliance
- Natural gas, propane or dual fuel systems
- Weather-protective and sound-attenuated enclosures (steel or aluminum)
- Good motor-starting capability and fast recovery from transient load changes
- Closed-loop fuel control system and three-way catalyst to reduce emissions (select models)
- U.S. EPA emissions compliance

GGMC

Model Name	Fuel Type	Standby Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control	Sound Enclosure
		kVA	kWe					
GGMA	NG/Propane	25	**20**	GM i4 3L	EPA+	YD0575	PCC1301	o
GGMB	NG/Propane	31	**25**	GM i4 3L	EPA+	YD0700	PCC1301	o
GGMC	Natural Gas	36	**29**	GM V8 5L	EPA+	YD1038	PCC1301	o
GGMC	Propane	38	**30**	GM V8 5L	EPA+	YD1038	PCC1301	o
GGPA	NG/Propane	44	**35**	GM V8 5L	EPA+	UC2C	PCC2100	o
GGPB	NG/Propane	50	**40**	GM V8 5L	EPA+	UC2D	PCC2100	o
GGPC	Natural Gas	56	**45**	GM V8 5L	EPA+	UC2D	PCC2100	o
GGPC	Propane	63	**50**	GM V8 5L	EPA+	UC2D	PCC2100	o
GGHE	NG/Propane	75	**60**	Ford V10 6.8L	EPA+	UC2F	PCC2100	o
GGHF	Natural Gas	88	**70**	Ford V10 6.8L	EPA+	UC2G	PCC2100	o
GGHF	Propane	94	**75**	Ford V10 6.8L	EPA+	UC2G	PCC2100	o
GGHG	NG/Propane	106	**85**	Ford V10T 6.8L	EPA+	UC3C	PCC2100	o
GGHH	NG/Propane	125	**100**	Ford V10T 6.8L	EPA+	UC3D	PCC2100	o
GGHJ	NG/Propane	156	**125**	Ford V10T 6.8L	EPA+	UC3F	PCC2100	o
GFPA	Propane	175	**140**	PSI 8.8L	EPA SI NSPS+	UCI274	PCC1302	o
GFPA	Natural Gas	188	**150**	PSI 8.8L	EPA SI NSPS+	UCI274	PCC1302	o
GFBA CC	Natural Gas	218	**175**	GTA855	EPA SI NSPS++	UCI274	PCC2100	o
GFAC	Natural Gas	218	**175**	GTA8.3	-	UCI274	PCC2100	o
GFBB CC	Natural Gas	256	**205**	GTA855	EPA SI NSPS++	UCI274	PCC2100	o
GFBC Cert	Natural Gas	312	**250**	GTA855e	EPA SI NSPS+	HC434	PCC2300	o
GFBC	Natural Gas	313	**250**	GTA855	-	HC434	PCC2100	o
GFEA CC	Natural Gas	375	**300**	GTA19	EPA SI NSPS++	HC434	PCC2100	o
GFEA	Natural Gas	393	**315**	GTA19	-	HC434	PCC2100	o
GFEB	Natural Gas	412	**330**	GTA19	-	HC434	PCC2100	o
GFEB Cert	Natural Gas	437	**350**	KTA19 SLB	EPA SI NSPS+	HC434	PCC2300	o
GFGA CC	Natural Gas	562	**450**	GTA28	EPA SI NSPS++	HC534	PCC2100	o
GFGA	Natural Gas	606	**485**	GTA28	-	HC534	PCC2100	o
GFJB CC	Natural Gas	625	**500**	GTA38	EPA SI NSPS++	HC534	PCC2100	o
GFJC CC	Natural Gas	688	**550**	GTA38	EPA SI NSPS++	HC534	PCC2100	o
GFJA	Natural Gas	725	**580**	GTA38	-	HC534	PCC2100	o
GFLA CC	Natural Gas	750	**600**	GTA50	EPA SI NSPS++	HC534	PCC2100	o
GFJB	Natural Gas	793	**635**	GTA38	-	HC634	PCC2100	o
GFLB CC	Natural Gas	812	**650**	GTA50	EPA SI NSPS++	HC634	PCC2100	o
GFJC	Natural Gas	882	**690**	GTA38	-	HC634	PCC2100	o
GFLC CC	Natural Gas	906	**725**	GTA50	EPA SI NSPS++	HC634	PCC2100	o
GFLA	Natural Gas	950	**760**	GTA50	-	HC634	PCC2100	o
GFLB	Natural Gas	1018	**815**	GTA50	-	HC634	PCC2100	o
GFLC	Natural Gas	1118	**895**	GTA50	-	HC634	PCC2100	o

● Standard o Option - Not Available

Note:
(+) EPA certified for stationary emergency applications.

Rental and Construction Power

The Cummins Power Generation rental range of generator sets have been designed to provide a number of key features and benefits to the customer.

Model Name	60 Hz Prime Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control
	kVA	kWe				
C60D6R	69	**55**	QSB5-G1	TPEM (EPA Tier 3)	UCI224F	PCC1302
C80D6R	90	**72**	QSB5-G2	TPEM (EPA Tier 3)	UCI224G	PCC1302
C100D6R	113	**90**	QSB5-G4	TPEM (EPA Tier 3)	UCI274D	PCC1302
C150D6R	169	**135**	QSB7-G3	TPEM (EPA Tier 3)	UCI274F	PCC1302
C150D6R	169	**135**	QSB7-G6	EPA Tier4i	UCI274F	PCC1302
C200D6R	225	**180**	QSB7-G5	TPEM (EPA Tier 3)	UCI274J	PCC1302
C200D6R	225	**180**	QSB7-G6	EPA Tier4i	UCI274J	PCC1302
C300D6R	338	**270**	QSM11-G4	TPEM (EPA Tier 3)	HCI434E	PCC1302
C500D6RG	569	**455**	QSX15-G9	TPEM (EPA Tier 2)	HC5F	PCC2100
C800D6RG	906	**725**	QSK23-G7	TPEM (EPA Tier 2)	HCI634H	PCC3201
C1000D6RG	1125	**900**	QST30-G5	TPEM (EPA Tier 2)	HCI634K	PCC3201
C1500D6RG	1688	**1350**	QSK50-G4	TPEM (EPA Tier 2)	HCI634H	PCC3201
C1600D6RG	1813	**1450**	QSK23-G7 X 2	TPEM (EPA Tier 2)	PI734C	PCC3201
C2000D6RG	2250	**1800**	QST30-G5 X 2	TPEM (EPA Tier 2)	HCI634K	PCC3201

* RFQ through Custom Applications Group (CAG)

Exceptionally quiet, our rental generator sets are designed to improve profitability for the owner. With more built features as standard they provide easier maintenance and transportability, as well as greater reliability.

Features:

- External emergency stop button
- Canopies are compliant to the 2000/14/CE step 2006 and are suitable for the most demanding applications, particularly in residential areas
- Single point lift up to 100 kVA or patented two point recessed lift from 150 kVA and above to avoid roof access and reduce the risk of fall
- For better operation, all packages are proposed in Prime Power Rating
- Acoustic insulation helps reduce noise levels
- • Internal fill up helps prevent spillage into the environment
- Fork-lift capability on all models up to 200 kVA
- Easy connection bus bar eliminates the risk of accidental contact
- Four pole CB with earth leakage protection
- Lockable doors to help prevent unauthorised access
- Window allows visibility of the controller whilst doors are closed
- Easy Serviceability:
  - Large double access door
  - Easy access to the fuel and oil fill up, drainage and filters
  - Easy external access to the radiator compartment

Additional Features:

- Dual frequency capability (except models fitted with sockets)
- Remote start capability
- Pre-filter fuel/water separator
- Adjustable earth leakage

C250 D2R

C500 D2R

C1250 D2R

Lean-Burn Gas 995 kW to 2 MW

Lean-burn gas generator sets provide premier performance, fuel efficiency, and low emissions for high hour peaking, prime power, combined heat and power (CHP), and waste to energy applications.

Using a lean mixture of fuel and air, this design significantly reduces combustion temperatures, which minimizes the production of nitrogen oxides (NOx). The result is high power output with maximum thermal efficiency and minimal emissions.

The Power Solutions Group of Cummins Power Generation can handle the most complex requirements surrounding lean-burn gas applications, from initial site planning to system design, construction and installation, through operation and maintenance.

Model	Continous Rating kWe	Standby Rating kWe	Engine Model	Alternative Fuels Capability
Power Output 50Hz				
C995N5C	-	995	QSK60G	
C1160N5C	-	1160	QSK60G	
C1200N5C	-	1200	QSK60G	
C1400N5C	-	1400	QSK60G	
C1540N5C	-	1540	QSV91G	●
C1750N5C	-	1750	QSV91G	●
C2000N5C	-	2000	QSV91G	●
Power Output 60Hz				
C1000 N6C	–	1000	QSK60G	●
C1000 N6	1000	–	QSK60G	
C1100 N6C	–	1100	QSK60G	●
C1250 N6C	–	1250	QSV91G	
C1250 N6	1250	–	QSK60G	
C1350 N6	1350	–	QSK60G	
C1400 N6C	–	1400	QSK60G	
C1700 N6	1700	–	QSV91G	
C1750 N6C	–	1750	QSV91G	●
C2000 N6C	–	2000	QSV91G	●

Note: (+) EPA certified for stationary emergency applications.

● Standard ○ Option - Not Available

For more information: now.cumminspower.com/gas

Waste-to-Energy
Converting wasted gaseous fuels into profitable and sustainable power

Standby Power
Clean, reliable and cost-effective standby gas power when you need it

Cogeneration
Combined heat and power solutions for a sustainable future

Lean-Burn Gas Fuelled Generator Sets
Low emission gas powered energy solutions

Prime Power
Reliable continuous power for any location, day and night

Peaking Power
Economical, adaptable and reliable solutions to meet your peak demands

Project Application Capabilities
Ability to create entire solution to meet the most complex requeriments

Operation & Maintenance Support
Flexible cover designed around you

CHP system saves money on high on-peak electric rates

William Floyd School District, Shirley, New York - Facing rapidly rising electricity costs, school district officials installed a 2.5 MW combined heat and power system to power three buildings of the Shirley campus. The CHP system provides nearly all of the electricity, heating and cooling for the campus during the local utility's daily peak usage hours when power is very expensive. In the first three years of operation, the CHP system saved more than $1.2 million.

PowerCommand® Generator Set Controls

PowerCommand controls provide you reliable, cost-effective solutions for integrated digital paralleling.

Only generator sets from Cummins Power Generation are available with industry-leading PowerCommand controls. Standard features include not only integrated digital governing and voltage regulation, but also analogue and digital metering, digital engine monitoring systems, smart-starting systems, battery monitoring systems, AmpSentry™ true alternator protection and more.

Main Features	PowerCommand Generator Control						
	PS0500	PCC1301	PC1.1/1.2	PCC2100	PC2.2	PCC3201	PC3.3
General							
AVR	-	●	●	●	●	●	●
Electronic Governing	-	○	○	●	●	●	●
Glow plug control	●	●	●	●	○	-	○
Cycle cranking	●	●	●	●	●	●	●
Full authority engine control	-	○	○	○	○	●	○
Networking (LonWorks)	-	-	-	○	-	○	-
Networking (ModBus)	-	●	●	-	●	-	●
Fault history	●	●	●	●	●	●	●
Operator interface							
Manual start/stop	●	●	●	●	●	●	●
Auto/remote start	●	●	●	●	●	●	●
Exercise function	-	-	-	-	●	●	●
Auto LED	●	●	●	-	●	-	●
Not in Auto LED	●	●	●	●	●	●	●
Manual LED	●	●	●	●	●	●	●
Common Shutdown LED	●	●	●	●	●	●	●
Common Warning LED	●	●	●	●	●	●	●
Exercise LED	-	-	-	-	●	●	●
Emergency stop (local and remote)	●	●	●	●	●	●	●
Alphanumeric screen	●	●	●	●	●	●	●
Remote start input active led	●	●	●	●	●	●	●
Fault reset	●	●	●	●	●	●	●
Measurement & Instrumentation - Engine							
Oil Pressure	●	●	●	●	●	●	●
Oil Temperature	-	-	-	○	●	○	●
Water Temperature	●	●	●	●	●	●	●
Engine Speed	●	●	●	●	●	●	●
Hours Run	●	●	●	●	●	●	●
Number of Starts	●	●	●	●	●	●	●
Battery Voltage	●	●	●	●	●	●	●
Exhaust Temperature	-	-	-	-	-	○	-
Measurement & Instrumentation - Alternator							
3 Phase L-L & L-N Voltage & Frequency	●	●	●	●	●	●	●
3 Phase Current	●	●	●	●	●	●	●
kWh	-	-	-	●	●	●	●
Total kVA	●	●	●	●	●	●	●
Total kW & kVAr	-	-	-	●	●	●	●
PF	-	-	-	●	●	●	●
Per Phase kVAr, kW	-	-	-	●	●	●	●
Per Phase kVA	●	-	-	●	●	●	●
Shutdown Protection & Indication - Engine							
Low Fuel Level	-	○	○	○	○	○	○
High Fuel Level	-	-	-	○	○	-	○
Low Oil Pressure	●	●	●	●	●	●	●
High Engine Coolant temperature	●	●	●	●	●	●	●
Failure to Crank Shutdown	●	●	●	●	●	●	●
Over Crank (Failure to Start)	●	●	●	●	●	●	●
Overspeed	-	●	●	●	●	●	●

Main Features	PowerCommand Generator Control						
	PS0500	PCC1301	PC1.1/1.2	PCC2100	PC2.2	PCC3201	PC3.3
Shutdown Protection & Indication - Alternator							
Under & Over Voltage	●	●	●	●	●	●	●
Under & Over Frequency	●	●	●	●	●	●	●
Overcurrent	-	●	●	●	●	●	●
Earth Leakage	-	○	○	○	○	○	○
Reverse Power	-	-	-	●	●	●	●
Reverse Var	-	-	-	●	●	●	●
Threshold Warning Indications							
Low Oil Pressure	●	●	●	●	●	●	●
Low Engine Coolant Temperature	●	●	●	●	●	●	●
High Engine Coolant Temperature	●	●	●	●	●	●	●
Low Coolant Level	-	-	-	●	○	●	○
Low Battery Voltage	●	●	●	●	●	●	●
High Battery voltage	●	●	●	●	●	●	●
Battery Alternator Charge Fault	-	●	●	-	●	-	●
Over Current	-	●	●	●	●	●	●
Overload	-	●	●	-	●	-	●
Paralleling Capability							
Auto Synchronizing (Isolated Bus)	-	-	-	-	-	○	●
kW & VAr Load Sharing Control	-	-	-	-	-	○	●
Auto Synchronizing (Utility Bus)	-	-	-	-	-	○	●
Base Load	-	-	-	-	-	○	●
Synchroscope	-	-	-	-	-	○	●
Peak Lopping	-	-	-	-	-	-	●
Power Transfer Function							
Open Transition Transfer	-	-	-	-	-	○	●
Hard Closed Transition	-	-	-	-	-	○	●
Soft Closed Transition (ramping)	-	-	-	-	-	○	●
Transfer & Base Load (Utility)	-	-	-	-	-	○	●
Gen/Mains Breaker Control	-	-	-	-	-	○	●
Gen/Mains Breaker Status Protection	-	-	-	-	-	○	●
Environment							
Operating Temp. Range -40°C to +70°C	-	●	●	●	●	●	●
Operating Temp. User Interface -20°C to +70°C	●	●	●	●	●	●	●
Humidity up to 95% (non condensing)	●	●	●	●	●	●	●
Codes & Standards							
CE Compliant	●	●	●	●	●	●	●
NFPA110	-	●	●	●	●	●	●
UL508 Listed	-	-	-	●	●	●	●
UL Certified	-	●	●	●	●	●	●
Controller Inputs/Outputs							
Digital Inputs (shutdown, warning or status)	1	2	4	4	4	4	4
Relay Outputs	1	2	2	4	4	4	4
Configurable Input/Output	-	○	○	○	○	○	○

● Standard ○ Option - Not Available

PCC1301/PCC 1.1

PCC2100

PCC3201

PCC 1.2/2.2

PCC 3.3

Automatic Transfer Switches

PowerCommand® automatic transfer switches communicate directly with the generator set controller, providing more reliable communication across the entire system.

PowerCommand automatic transfer switches feature microprocessor-based control technology for easy operation and robust, high-contact-force design to withstand thousands of switching cycles. Applications include utility-to-generator-set, utility-to-utility or generator-set-to-generator-set. Open transition switches can be adjusted to completely disconnect the load from both sources for a programmed time period to prevent unnecessary circuit breaker tripping and load damage.

Major features include:

- 40-1250 amp GTEC switches are third-party certified as meeting IEC 60947-6-1 AC31A
- All GTEC switches bear the CE mark
- 40-1250 amp GTEC switches are CCC certified by the China Quality Certification Centre
- OTPC, BTPC and CHPC switches are UL 1008 Listed with UL Type Rated cabinets and UL Listed CU-AL terminals.
- Convenient front-panel display to easily review power and load conditions
- Service entrance configurations to 1000 amps

Closed-transition transfer switches

For critical applications where even a momentary loss of power makes a difference, closed transition provides make-before-break transfer between live sources by momentarily paralleling the two sources.

Automatic Transfer Switches

Main Features	Automatic Transfer Switches				
	GTEC	OTEC	OTPC	BTPC	CHPC/OHPC
Specifications					
Duty	Light	Light	Heavy	Heavy	Heavy
Amp Range	40 - 2000	40 - 1200	40 - 4000	150 - 4000	125 - 800
(Select the ATS to suit the largest-sized supply (amps) that will be applied to the ATS)					
Voltage Rating	up to 480VAC	up to 600VAC	up to 600VAC	up to 600VAC	up to 600VAC
Phases	1 or 3	1 or 3	1 or 3	1 or 3	1 or 3
Frequency	50 or 60Hz	50 or 60Hz	50 or 60Hz	50 or 60Hz	50 or 60Hz
Poles	2,3,4	3,4	3,4	3,4	2,3,4
Warranty	1 year	up to 10 years	up to 10 years	up to 10 years	up to 10 years
Operating Temperature Range (C°)	-30 to 60	-40 to 60	-40 to 60	-40 to 60	-40 to 60
Switch Mechanism					
Open Transition	●	●	●	●	●
Closed Transition	-	-	o (>1000A)	o	o (CHPC only)
Programmed Transition	●	●	●	●	-
Bypass Isolation - Open Transition	-	-	-	●	-
Bypass Isolation - Closed Transition	-	-	-	o	-
Bypass Isolation - Programmed Transition	-	-	-	o	-
Utility-to-Genset	●	●	●	●	●
Utility-to-Utility	-	-	● (not available with closed transition)	● (not available with closed transition)	● (OHPC only)
Genset-to-Genset	●	-	●	● (<1000A)	●
Service Entrance available	-	o (≤1000A)	● (≤1000A)	-	-
Mechanical Interlock	●	●	●	●	● (disabled during closed transition)
Load Monitoring	-	-	o	o	o
WCR with Specified Circuit Breakers	25-65kA	14-85kA	14 - 100kA	14 - 100kA	42 - 85kA
WCR with Current Limiting Fuses	26-120kA	200kA	200kA	200kA	200kA
Short-time ratings / 30-cycle rating (UL listed)	-	-	-	-	10-42kA
Control					
Type of Control	Basic micro	Basic micro	PCC L1 or L2	PCC L2	PCC L2/ L1 or L2
Operator Panel					
Load Connected to Normal LED	●	●	●	●	●
Normal Source Available LED	●	●	●	●	●
Load Connected to Emergency LED	●	●	●	●	●
Emergency Source Available LED	●	●	●	●	●
Load AC Metering Bar Graph	-	-	o	o	o
Alphanumeric Display	-	-	o	o	o
Panel Security Lock	-	-	●	●	●
Control Functions					
3-phase Voltage Sensing - Utility	●	●	●	●	●
3-phase Voltage Sensing - Generator	Single Phase	Single Phase	●	●	●
Electrical Isolation from AC - Mains	High Impedance	High Impedance	Transformer	Transformer	Transformer
O/U Voltage Sensing Utility	U/V Only	U/V Only	●	●	●
O/U Voltage Sensing Generator	U/V Only	U/V Only	●	●	●
Voltage Sensing Accuracy	+/- 2%	+/- 2%	+/- 2%	+/- 2%	+/- 2%
O/U Frequency Sensing Utility	-	-	●	●	●
O/U Frequency Sensing Generator	U/F Only	U/F Only	●	●	●
Voltage Imbalance	-	-	Level 2 Cont	Level 2 Cont	●
Phase Rotation	-	-	Level 2 Cont	Level 2 Cont	●
Loss of Phase	-	●	●	●	●
Transfer Normal to Emergency (time)	0 - 300 secs	0 - 300 secs	0 -120 secs	0 -120 secs	0 -120 secs
Re-transfer Emergency to Normal (time)	0 - 30 mins	0 - 30 mins	0 - 30 mins	0 - 30 mins	0 - 30 mins
Engine Start Delay (adjustable)	0 - 10 sec	0 - 10 sec	0 - 120 secs	0 - 120 secs	0 - 120 secs
Time Delay to Engine Stop	0 - 30 mins	0 - 30 mins	0 - 1800 secs	0 - 1800 secs	0 - 1800 secs
Programmed Transition (time)	0 - 10 sec	0 - 10 sec	0 - 60 secs	0 - 60 secs	0 - 60 secs
Fail to Disconnect Timer (closed transition)	-	-	Level 2 Cont	●	●
Time & Date-Stamped Event Log	-	-	●	●	●
Historical Data Display	-	-	●	●	●
Remote Monitoring/Communication	-	-	o	o	o
System Data Display	-	-	o	o	o
Elevator Signal Module	o	o	o	o	o
Load Sequencing	-	-	o	o	o
Fully-Programmable Exerciser Clock	o	o	o	o	o
Exercise Clock	●	●	●	●	●
Real-Time Clock	-	-	●	●	●

● Standard o Option - Not Available

Software and Networking

PowerCommand® software and networking tools let you easily manage on-site and off-site power systems from one location.

Whether you're using a desktop computer, a laptop or a cell phone, PowerCommand remote monitoring systems help you reduce power setup time, operation and maintenance.

PowerCommand accessories for reliable web-based monitoring

PowerCommand remote monitoring systems let you monitor generator set and transfer switch functions via the Internet. You can:

- Monitor remotely via wireless connection using cellular or satellite communications
- Communicate via an Ethernet connection, phone line or available wireless configuration
- Connect via an Internet browser on a remote PC
- Send alarms to cell phones, pagers or e-mail addresses
- Display voltage and frequency of each source
- Monitor one or two generator sets and up to four transfer switches

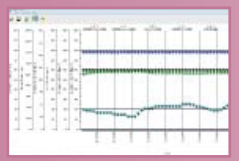
Features/Functionality	PowerCommand 500	PowerCommand 550
Number of Devices Supported	Up to 2 Devices (any combination)	Up to 12 Devices (any combination)
Supported Device Types	Generator sets, transfer switches, CCM-T, CCM-G, Aux 101/102	Generator sets, transfer switches, CCM-T, CCM-G, Aux 101/102
Device I/Os	2 discrete inputs, 2 discrete outputs, 1 resistive input	2 discrete inputs, 2 discrete outputs, 1 resistive input
Expandable I/O Modules	AUX101: 8-configurable inputs / 8-discrete outputs AUX102: 4-non configurable discrete inputs / 8-discrete outputs	AUX101: 8-configurable inputs / 8-discrete outputs AUX102: 4-non configurable discrete inputs / 8-discrete outputs
Notifications	SMTP/Email, SMS/Text and SNMP traps	SMTP/Email, SMS/Text and SNMP/Traps
Connection to Supported Devices	Modbus	Modbus
Data Logging	Yes No data or report export	Yes Data and report export
Extended Memory	Yes	Yes
Certification/Compliance	UL, CSA, CE, FCC, RoHS	UL, CSA, CE, FCC, RoHS
Languages	English, Brazilian Portuguese, Chinese, French and Spanish	English, Brazilian Portuguese, Chinese, French and Spanish
Power Supply Connection	8-32 DC	8-32 DC
Warranty Period	12 months	12 months

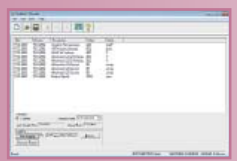
PowerCommand InPower™ for planned maintenance

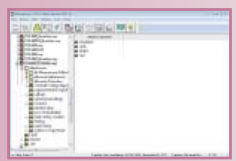
PowerCommand InPower for service and planned maintenance provides both local and remote setup and diagnostics. The PC-based software allows a technician to "talk to" a remote PowerCommand system, determine its status and make adjustments.

An Internet browser interface provides easy access to PowerCommand InPower's useful functions:

- Strip charts — Obtain real-time recordings of changing conditions and performance
- Adjustments — Change system operating parameters
- Monitoring functions — Use real-time monitoring and data recording to simplify testing and diagnostics
- Report generation — Automatically record test data and formats for quick test reporting
- Fault simulations — Simulate warning or shutdown conditions







Digital Paralleling Systems & Switchgear

PowerCommand® paralleling systems are operated by DMC Digital Master Controls that interface directly with PowerCommand controller generator set optimizing performance and simplifying operation and service.

PowerCommand paralleling systems deliver the flexibility demanded by your complex applications. We use common control blocks with prototype-tested components. These systems deliver the features and performance you require and are supported by the industry's only local paralleling service organisation.

Demonstrated Reliability

Integrated paralleling in the generator set controls offers fast synchronising. Any number of generator sets can be synchronised in less than 15 seconds in most applications.

PowerCommand paralleling systems give you demonstrated reliability:

- Industry-leading mean time before failure (MTBF) data
- Innovative failure mode effect analysis
- Prototype testing to validate system design
- Distributed logic designs that isolate issues by eliminating single points of failure

DMC1500

Switchgear

DMC300

Digital Paralleling Systems & Switchgear

PowerCommand® paralleling systems are designed around dedicated-purpose controllers that are prototype-tested for reliability and performance.

Main Features	DMC1000		DMC1500		DMC200	DMC300
	Gen to Gen Paralleling	Utility Paralleling	Gen to Gen Paralleling	Utility Paralleling	Gen to Gen Paralleling	Utility Paralleling
Custom Features						
Custom engineering available	-	-	-	-	O	O
Power Section						
Integrated low voltage switchgear	O	O	O	O	O	O
Integrated medium voltage switchgear	O	O	O	O	O	O
Outdoor switchgear enclosure	O	O	O	O	O	O
Protection relay	O	O	O	O	O	O
Switchgear station battery system	O	O	O	O	O	O
Neutral grounding resistor	O	O	O	O	O	O
Load bank	O	O	O	O	O	O
Genset Controller Compatibility						
PowerCommand 3100	●	●	●	●	●	●
PowerCommand 3200	●	●	●	●	●	●
PowerCommand 3201	●	●	●	●	●	●
PowerCommand 3.3	●	●	●	●	●	●
System Start						
Common system start directly to gens (bypasses DMC)	●	●	-	-	O	O
Common system start to genset based on DMC monitoring	-	●	●	●	O	O
Enable/Disable automatic start signal when system is in manual	O	O	●	●	O	O
Manual start and breaker open/close control of individual genset from HMI	-	-	O	O	●	●
Genset Paralleling						
Parallel up to 4 gensets	●	●	●	●	●	●
Parallel up to 8 gensets	-	-	O	O	●	●
Parallel more than 8 gensets	-	-	-	-	O	O
Load Demand						
Fixed Sequence	●	O (PC 3.3 required in all Gensets)	●	O (PC 3.3 required in all Gensets)	●	●
Run Hour Sequence	●	O (PC 3.3 required in all Gensets)	●	O (PC 3.3 required in all Gensets)	O	O
Multiple Gen Busses	-	-	-	-	O	O
NE Function						
Neutral Earth Device Control	-	-	O	O	O	O
Data communications, display, and alarming						
Web Serving HMI Screens	-	-	-	-	O	O
Genset Summary data at the DMC	-	-	O	O	●	●
Real Time Trending	-	-	●	●	●	●
Historical Trending	-	-	●	●	O	O
Modbus RTU RS485 BMS Interface	●	●	O	O	O	O
Modbus RTU RS232	-	-	O	O	O	O
Modbus TCP/IP over Ethernet BMS Interface	-	-	O	O	O	O
Remote monitoring with alarm paging and email	-	-	-	-	O	O
Supervisory Monitoring Station for on-site/ off-site power systems	-	-	-	-	O	O
System Annunciator(s)	O	O	O	O	O	O
Audible Alarm	●	●	●	●	●	●
Diagnostics	●	●	●	●	●	●
Operator Interface						
HMI 211 Operator Interface	●	●	-	-	-	-
15" Color Touch Screen	-	-	●	●	●	●
19" Color Touch Screen	-	-	-	-	O	O
42" Color Touch Screen	-	-	-	-	O	O
Customized systme HMI	-	-	-	-	O	O
Multiple HMI	O	O	-	-	O	O

● Standard O Option - Not Available

Main Features	DMC1000		DMC1500		DMC200	DMC300
	Gen to Gen Paralleling	Utility Paralleling	Gen to Gen Paralleling	Utility Paralleling	Gen to Gen Paralleling	Utility Paralleling
Redundant CPU						
Hot Standby Redundant CPU and cabling	-	-	-	-	O	O
Reports						
Alarm History	-	-	●	●	●	●
Plant Test Report (JACAHO)	-	-	O	O	O	O
Custom Report	-	-	-	-	O	O
Certification / Compliance						
CE Mark	●	●	●	●	●	●
UL891	O	●	O	●	O	●
IEC	O	●	O	●	O	●
CSA	O	●	O	●	O	●
Seismic Zone 4	O	●	O	●	O	●
OSHPD Certified	O	●	O	●	O	●
Load Add/Shed						
Priority Based - 6 Levels/6 Loads	O	O	O	O	O	O
Priority Based - 8 Levels/8 Loads	O	O	O	O	O	O
Priority Based - 10 Levels/10 Loads	O	O	O	O	O	O
Priority Based - 16 Levels/32 Loads	O	O	O	O	O	O
Capacity Based - single bus	O	O	O	O	O	O
Priority Based - multiple bus	O	O	O	O	O	O
Manual Load Add/Shed control	O	O	O	O	O	O
System Test						
Without Load	●	●	●	●	●	●
With Load	●	●	●	●	●	●
System Scheduler (Exercise)						
Test	●	●	●	●	O	O
Extended Parallel	-	●	-	●	-	O
Extended Utility Paralleling kW Control						
Genset Bus % Level (Open Loop/Base Load)	-	●	-	●	-	●
Genset kW (Open Loop/Base Load)	-	-	-	-	-	●
Individual Genset kW (Open Loop/Base Load)	-	-	-	-	-	O
Genset Bus kW (Closed Loop)	-	●	-	●	-	O
Genset Bus kW with Utility Constraint (Closed Loop/Base Load with export limit)	-	●	-	●	-	O
Utility Bus kW (Closed Loop/Peak Shave)	-	●	-	●	-	●
Gen Bus % Level (Open Loop)	-	●	-	●	-	O
Genset Bus Power Factor (Open Loop)	-	●	-	●	-	O
Genset Bus kVAR (Closed Loop)	-	●	-	●	-	O
Genset Bus Power Factor (Closed Loop)	-	●	-	●	-	O
Utility Bus kVAR (Closed Loop)'	-	●	-	●	-	O
Utility Bus Power Factor (Closed Loop)	-	●	-	●	-	O
Extended Paralleling Control						
Remote start/stop	-	●	-	●	-	●
Facility load start/stop	-	●	-	●	-	O
Power Transfer Transitions						
Open Transition	-	●	-	●	●	●
Hard Closed Transition <100 ms	-	O (Transfer pair topology only)	-	O (Transfer pair topology only)	-	O
Hard Closed Transition non-ramping	-	●	-	●	-	●
Soft Closed Transition	-	●	-	●	-	●

● Standard O Option - Not Available

The Power of One™

The Power of One has two dimensions. First, it means a single manufacturer of power generation products. And second, it means a single source for a complete set of required services. These two dimensions combine to provide a single source for complete power solutions.

Our Support Capabilities

- System design and application engineering
- Power Suite™ 5.0 tool for sizing and applying power generation equipment
- Project management
- Product customization
- Total solution delivery
- Factory-trained, certified and highly experienced technicians
- Planned maintenance availability (PMA)
- Global distribution network with local support
- Parts availability
- 24/7 emergency response system
- Remote and monitoring control

Specifications and Options

Emergency Standby Power (ESP):

Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Prime Power (PRP):

Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Limited-Time Running Power (LTP):

Applicable for supplying power to a constant electrical load for limited hours. Limited Time Running Power (LTP) is in accordance with ISO 8528.

Base Load (Continuous) Power (COP):

Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.

Data Center Continuous (DCC):

Applicable for supplying power continuously to a constant or varying electrical load for unlimited hours in a data center application.

Extending your peace of mind with our suite of Extended Warranty Options

Every one of our generator sets is covered by a base warranty for round-the-year reliability. To further safeguard your investment, we'll extend that protection to cover every major component in our generator sets anywhere in the world. You can choose from our suite of extended warranty coverage or packages that last for either two years, five years or ten years to suit your specific needs before the original guarantee comes to an end.

For further details on all Extended Warranty options, please contact your local Cummins Power Generation distributor.

Cummins Power Generation's global operations include 44,000 employees in 190 countries, with 88 manufacturing facilities, 6,000 sales and service centers and 600 distributor locations.

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For more information contact your local Cummins distributor. To find the one nearest you visit www.cumminspower.com/en/locator

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